

# Converting Colors

YUV(181.8640, 36.0560,  
-84.9497)

Have a look what the booklet for  
YUV(181.8640, 36.0560, -84.9497)  
contains.

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# Color

**YUV(181.8640, 36.0560,  
-84.9497)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 55D9FF                       |
| RGB         | 85, 217, 255                 |
| RGB Percent | 33%, 85%, 100%               |
| CMY         | 0.6667, 0.1490, 0.0000       |
| CMYK        | 0.67, 0.15, 0.00, 0.00       |
| HSL         | 193°, 100%, 67%              |
| HSV         | 193°, 67%, 100%              |
| XYZ         | 46.6092, 58.7770, 103.4963   |
| YIQ         | 181.8640, -90.8700, -16.1660 |

# Conversions

## Conversions Part 2

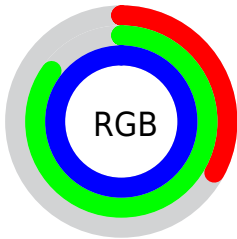
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 85, 159, 255                   |
| Decimal                             | 5626367                        |
| CIE <sub>Lab</sub>                  | 81.17, -24.54, -29.11          |
| CIE <sub>LCh</sub>                  | 81, 38.078, 229.869            |
| Yxy                                 | 58.7770, 0.2231,<br>0.2814     |
| Android<br>(android.graphics.Color) | 4283816447<br>(0xFF55D9FF)     |
| YUV                                 | 181.8640, 36.0560,<br>-84.9497 |
| Hunter-Lab                          | 76.6662, -25.6468,<br>-26.3728 |

# Details

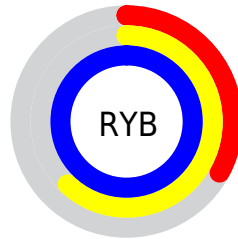
The YUV color **181.8640, 36.0560, -84.9497** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **158.1360, -36.0560, 84.9497**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **117.6660, 39.6047, -103.1931** is the 20% darker color. If you saturate the color by 10%, you get **170.5680, 41.6250, -97.8451**, and if you desaturate by 10%, it is **192.8610, 30.6345, -72.6691**.

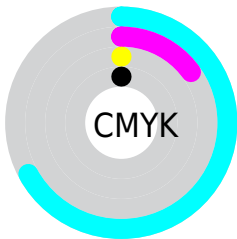
# Distribution



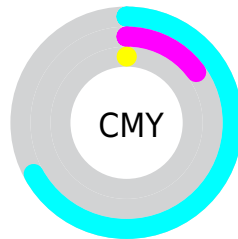
- Red (33%)
- Green (85%)
- Blue (100%)



- Red (33%)
- Yellow (62%)
- Blue (100%)



- Cyan (67%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.8640, 36.0560, -84.9497 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 181.8640, 36.0560, -84.9497 by changing the saturation by 10% instead.



181.8640, 36.0560,  
-84.9497

181.8640, 36.0560,  
-84.9497

255.0000, 0.0000,  
0.0000

149.2650, 37.8304,  
-94.0714

223.9040, 15.3303,  
-63.9368

117.6660, 39.6047,  
-103.1931

233.4720, 10.6133,  
-44.2639

99.3260, 35.3353,  
-87.1089

242.7410, 6.0437,  
-25.2059

80.9860, 31.0659,  
-71.0247

252.0100, 1.4741,  
-6.1478

63.3470, 26.9439,  
-55.5553

47.1100, 23.1168,  
-41.3155

31.4600, 19.0002,

-27.5904

■ 12.4020, 17.0568,  
-10.8766

■ 3.5510, 11.0674,  
-3.1142

■ 181.8640, 36.0560,  
-84.9497

■ 181.8640, 36.0560,  
-84.9497

■ 170.5680, 41.6250,  
-97.8451

■ 192.8610, 30.6345,  
-72.6691

■ 160.1580, 46.7571,  
-110.6406

■ 203.5700, 25.3550,  
-59.2589

■ 148.8620, 52.3260,  
-123.5360

■ 214.8660, 19.7861,  
-46.3635

■ 145.2960, 54.0841,  
-127.4246

■ 225.8630, 14.3645,  
-34.0829

■ 236.8600, 8.9430,  
-21.8022

■ 247.5690, 3.6635,  
-8.3920

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

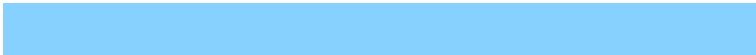
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.5960, 22.3842, -86.4687



181.8640, 36.0560, -84.9497



191.8190, 31.1482, -50.7073

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



181.8640, 36.0560, -84.9497



204.0670, 5.3900, 44.6682



197.1830, -31.1492, 4.2245

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



181.8640, 36.0560, -84.9497



158.1360, -36.0560, 84.9497

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



200.3760, -33.7094, 32.1192



181.8640, 36.0560, -84.9497



199.3760, -10.0454, 48.7822

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



181.8640, 36.0560, -84.9497



206.5450, 20.4373, 24.9550



200.6520, -25.4644, 47.6632



192.0140, -18.2479, -27.1993



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



181.8640, 36.0560, -84.9497



198.1860, 28.0093, -23.8421



200.6520, -25.4644, 47.6632



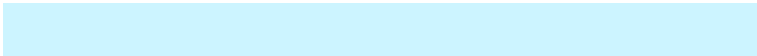
198.0810, -33.0709, 13.9610

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



181.8640, 36.0560, -84.9497



233.2940, 10.7011, -25.6908



189.0080, -33.0349, -91.2150



114.6220, 6.5954, -15.4545



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



181.8640, 36.0560, -84.9497



167.0020, 43.3830, -101.7338



132.5560, 60.3649, -41.7066



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



150.8780, 32.5981, 91.3150



130.0080, 38.9431, 109.6180



207.4440, -60.3649, 41.7066



120.0270, 2.4517, 6.9923



74.0950, 36.9282, 102.5257

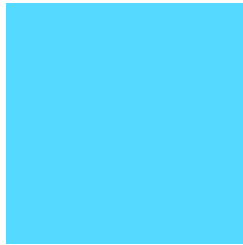


24.8360, 12.4059, 34.3468



# Previews

## White Background



This preview shows how the YUV color 181.8640, 36.0560, -84.9497 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

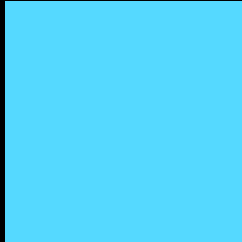
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.8640, 36.0560, -84.9497 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 181.8640, 36.0560, -84.9497

## Background



This preview shows how black text looks on a background with the YUV color 181.8640, 36.0560, -84.9497.



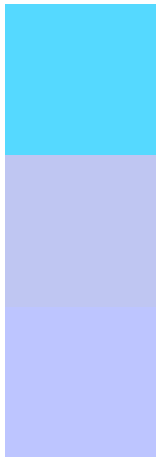
This preview shows how white text looks on a background with the YUV color 181.8640, 36.0560, -84.9497.

-84.9497.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

181.8640, 36.0560, -84.9497

### Protanopia

200.9230, 20.2510, -8.7025

### Deuteranopia

201.2200, 26.5135, -10.7169



## Tritanopia

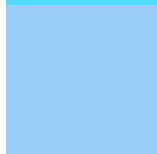
178.6970, 29.2364, -90.9423

# Trichromacy



## Original Color

181.8640, 36.0560, -84.9497



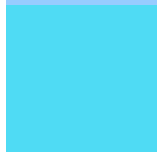
## Protanomaly

193.9410, 26.1581, -36.7823



## Deuteranomaly

193.9670, 30.0893, -37.6821



## Tritanomaly

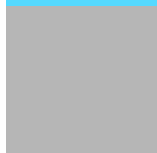
179.9900, 31.5569, -88.5682

# Monochromacy



## Original Color

181.8640, 36.0560, -84.9497



## Achromatopsia

182.0000, 0.0000, 0.0000



## Achromatomaly

182.2440, 13.1907, -30.9090

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.8640, 36.0560, -84.9497 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(85, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(85, 217, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(85, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 217, 255) }
```

## Border

The CSS property to change the border of an element to YUV 181.8640, 36.0560, -84.9497 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 217, 255) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(85, 217, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(85, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(85, 217,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 181.8640, 36.0560, -84.9497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 217, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(85, 217,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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